

In the Specification

The following is a marked-up version of the specification with the language that is underlined (“ ”) being added and the language that contains strikethrough (“”) being deleted:

Page 5, line 15 through page 6, line 7.

Within the interior space 104 is a plurality of electron emitters 108 that face a storage medium 110. These electron emitters can, for example, comprise field (*i.e.*, tip) emitters as described in U.S. Patent No. 5,557,596 identified above. Alternatively, the electron emitters 108 can comprise flat emitters such as those described in U.S. Patent Application No. 09/836,124 (HP Docket No. 10006168-1), filed April 16, 2001, which is hereby incorporated by reference into the present disclosure. As described in relation to FIG. 4, the storage medium 110 comprises a plurality of storage areas (not visible in FIGS. 1-3). In a preferred embodiment, each storage area of the storage medium 110 is responsible for storing one or bits more of data. The electron emitters 108 are configured to emit electron beam currents toward the storage areas of the storage medium 110 when a predetermined potential difference is applied to the electron emitters. Depending upon the distance between the emitters 108 and the storage medium 110, the type of emitters, and the spot size (*i.e.*, bit size) required, electron optics may be useful in focusing the electron beams. Voltage is also applied to the storage medium 110 to accelerate the emitted electrons to aid in focusing the emitted electrons.